

REMARKS

Claim 1 has been amended to better describe that which applicants regard as their invention; claim 3 has been rewritten as new claim 36; and claims 8 and 9 have been amended to depend from new claim 36. The claims before the Examiner, thus, are claims 1, 4 to 11, 16 to 18, and 36. The withdrawn claims remain pending because, as indicated in the Amendment Under 37 CFR 1.111 filed April 26, 2005, all pending claims, save method claims 30 to 32, should be allowable if the examined claims are allowable.

The objection to the drawings is noted and appropriate changes have been made to the specification. Element 60 is now characterized as direct current from the fuel cell stack that runs electric motor 66. Element 59, mentioned at page 60, line 14, does not designate the fuel, but rather the volatile components thereof. Accordingly, it is believed that no change is necessary here.

The specification has also been amended at pages 7 and 40 to address the Examiner's objection. The phrase at lines 5 and 6 of page 7 now reads, "wall (sine wave) deformations." The

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incorrect word on page 40 has been replaced with the proper word.

The Examiner questioned what was meant on page 39, lines 8 to 22. The text at lines 8 to 14 is believed clear. The discussion of cells at lines 15 to 22 is of an embodiment that includes a total of 14 cells with the first 10 cells being located between the inner periphery portion of the flat thick wall portion 24 and the interior of the thin wall portion, the remaining four cells being located between the first 10 cells and the center. The Examiner is required to telephone the undersigned if changes are requested following the explanation.

The rejection of claims 3, 8, and 9 under the second paragraph of 35 USC 112 as indefinite is noted. Claim 3 has been rewritten as new independent claim 36, and claims 8 and 9 now depend on the new claim. Claim 36, because it is independent, does not conflict with claim 1.

The rejection of claims 1, 3, 6 to 10, and 16 under 35 USC 102 as anticipated by JP '580, if applied to the claims as amended, is respectfully traversed. Claim 1 has been amended to strike an embodiment of the invention where the protrusions and recessions of the wall face portions face one another; the claim

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now calls for the protrusions to face one another and the recessions to face one another. Claim 36 is directed to an embodiment of the invention having first and second wall face portions, the first wall face portions having an undulated shape and the second wall face portions having a flat shape intermingling with the first wall face portions. Applicants respectfully submit that the embodiments of these independent claims are in no manner taught in the reference and the rejection should be withdrawn.

The rejection of claims 1, 4, 7, and 16 under 35 USC 102 as anticipated by JP '141, if applied to the claims as amended, is also respectfully traversed. The reference does not teach the specific arrangement of undulations recited in the claims and the rejection should be withdrawn.

The rejection of claim 5 under 35 USC 103 as unpatentable over JP '141 in view of GB '640 and Maus et al. WO '876, the rejection of claims 6, 10, and 18 under 35 USC 103 as unpatentable over JP '141 in view of JP '784, the rejection of claim 18 under 35 USC 103 over JP '580 in view of JP '784, and the rejection of claims 11 and 17 under 35 USC 103 as unpatentable over either JP '580 or JP '141 in view of JP '784, further in view of Abe et al. '119, are also respectfully

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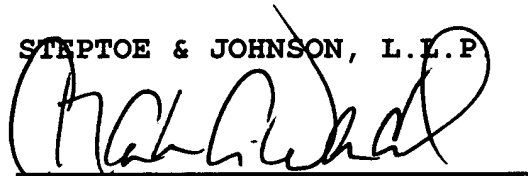
traversed. The secondary references do not provide that which is missing from the primary references and the rejection should be withdrawn.

In view of the foregoing revisions and remarks, it is respectfully submitted that the application is allowable and a USPTO paper to those ends is earnestly solicited.

The Examiner is requested to telephone the undersigned if additional changes are required in the case prior to allowance.

Respectfully submitted,

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